

# College of Engineering

2023 SPRING

BACHELOR

B

MASTER

M

PH.D

P

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COURSE NO. & NAME	STUDY LEVEL	FIELD
1916 English for General Engineering	B	Language

## Undergraduate Program of Intellectual Creativity Engineering




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COURSE NO. & NAME	STUDY LEVEL	FIELD
1304 Practical Applications of Artificial Intelligence*	B	Science and Engineering
2276 Basic English for Science and Technology	B	Science and Engineering






## Department of Mechanical Engineering

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COURSE NO. & NAME	STUDY LEVEL	FIELD
1316 Dynamics*	B	Science and Engineering
2311 Advanced Programming	B	Science and Engineering
2327 Engineering Mathematics (II)	B	Science and Engineering
2362 Manufacturing Processes	B	Science and Engineering
3304 Engineering Electromagnetics	B	Science and Engineering

<b>3383</b> Electronics *		Science and Engineering
<b>3384</b> Electronics*		Science and Engineering
<b>5107</b> Dynamical Systems	 	Science and Engineering
<b>5110</b> Combustion Engineering*	 	Science and Engineering

## Department of Civil Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>1320</b> Engineering Mechanics (I)*		Science and Engineering
1321 Engineering Mechanics (I)*		Science and Engineering
<b>2366</b> Engineering Mathematics (II)*		Science and Engineering
<b>2368</b> Structural Theory (I)		Science and Engineering
<b>2369</b> Structural Theory (I)		Science and Engineering

## Department of Environmental Engineering

COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>2382</b> Engineering Mathematics (II)*		Science and Engineering
<b>2386</b> Environmental Microbiology*		Science and Engineering
<b>3403</b> Introduction to Environmental Toxicology*		Science and Engineering
<b>3429</b> Air Pollution Control Engineering*		Science and Engineering
<b>6759</b> Heuristic Optimization Technology*		Science and Engineering
<b>6760</b> Introduction to Environmental and Occupational Medicine*		Science and Engineering
<b>6762</b> Environmental Remediation and Natural Attenuation*		Science and Engineering

## Department of Chemical Engineering

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COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>2404</b> Transport Phenomenon(I)*	B	Science and Engineering
<b>4315</b> Electrochemistry	B	Science and Engineering
<b>6808</b> Analytical Electrochemistry	M	Science and Engineering

## Department of Materials Science and Engineering

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COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>3262</b> Mechanical Properties of Materials*	B	Science and Engineering

## Graduate Institute of Precision Engineering

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COURSE NO. & NAME	STUDY LEVEL	FIELD
<b>6839</b> Science of Lighting Device Verification *	M	Science and Engineering
<b>6840</b> Optimization of Design*	M	Science and Engineering
<b>6841</b> Design of Microfabrication Processes for MEMS*	M	Science and Engineering
<b>6843</b> Nano Technology and Measurement*	M	Science and Engineering

# Graduate Institute of Biomedical Engineering

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COURSE NO. & NAME	STUDY LEVEL	FIELD
6842 Protein Engineering*	M	Science and Engineering
6848 Biomedical Instrumentation*	M	Science and Engineering
6850 Biomedical Tissue Engineering	M P	Science and Engineering
6851 Nanotechnology in Drug Delivery*	M	Science and Engineering
6852 Theranostics (II)*	M	Science and Engineering
6853 Introduction to Biomedical Engineering*	M	Science and Engineering
6857 Seminar (I)*	M	Science and Engineering
7363 Seminar (II)*	M	Science and Engineering

\* EMI ( English as a Medium of Instruction )